Apple security updates

This document lists security updates for Apple software.

About Apple security updates

For the protection of our customers, Apple doesn't disclose, discuss, or confirm security issues until an investigation has occurred and patches or releases are generally available. This document lists recent releases.

If you need technical support for a security issue—for example, to reset your Apple ID password or to review a recent App Store charge—view the Get help with security issues article.

If you believe you have discovered a security or privacy vulnerability in an Apple product, learn how to file a report.

Get the latest software updates from Apple

Keeping your software up to date is one of the most important things you can do to maintain your Apple product's security.

- The latest version of iOS and iPadOS is 16.4. Learn how to update the software on your iPhone, iPad, or iPod touch.
- The latest version of macOS is 13.3. Learn how to update the software on your Mac and how to allow important background updates.
- The latest version of tvOS is 16.4. Learn how to update the software on your Apple TV.
- The latest version of watchOS is 9.4. Learn how to update the software on your Apple Watch.

Note that after a software update is installed for iOS, iPadOS, tvOS, and watchOS, it cannot be downgraded to the previous version.

Apple security updates

Name and information link	Available for	Release date
Xcode 14.3	macOS Ventura 13.0 and later	30 Mar 2023
Studio Display Firmware Update 16.4	macOS Ventura 13.3 and later	27 Mar 2023
Safari 16.4	macOS Big Sur and macOS Monterey	27 Mar 2023
iOS 15.7.4 and iPadOS 15.7.4	iPhone 6s (all models), iPhone 7 (all models), iPhone SE (1st generation), iPad Air 2, iPad mini (4th generation), and iPod touch (7th generation)	27 Mar 2023

iOS 16.4 and iPadOS 16.4	iPhone 8 and later, iPad Pro (all models), iPad Air 3rd generation and later, iPad 5th generation and later, and iPad mini 5th generation and later	27 Mar 2023
watchOS 9.4	Apple Watch Series 4 and later	27 Mar 2023
tvOS 16.4	Apple TV 4K (all models) and Apple TV HD	27 Mar 2023
macOS Big Sur 11.7.5	macOS Big Sur	27 Mar 2023
macOS Monterey 12.6.4	macOS Monterey	27 Mar 2023
macOS Ventura 13.3	macOS Ventura	27 Mar 2023
GarageBand for macOS 10.4.8	macOS Monterey 12.3 and later	07 Mar 2023
tvOS 16.3.3 This update has no published CVE entries.	Apple TV 4K (3rd generation)	06 Mar 2023
macOS Big Sur 11.7.4 This update has no published CVE entries.	macOS Big Sur	15 Feb 2023
Safari 16.3	macOS Big Sur and macOS Monterey	13 Feb 2023
iOS 16.3.1 and iPadOS 16.3.1	iPhone 8 and later, iPad Pro (all models), iPad Air 3rd generation and later, iPad 5th generation and later, and iPad mini 5th generation and later	13 Feb 2023
macOS Ventura 13.2.1	macOS Ventura	13 Feb 2023
tvOS 16.3.2	Apple TV 4K (all models) and Apple TV HD	13 Feb 2023
watchOS 9.3.1	Apple Watch Series 4 and later	13 Feb 2023
tvOS 16.3.1 This update has no published CVE entries.	Apple TV 4K (all models) and Apple TV HD	06 Feb 2023
tvOS 16.3	Apple TV 4K (all models) and Apple TV HD	24 Jan 2023
Safari 16.3	macOS Big Sur and macOS Monterey	23 Jan 2023
iOS 12.5.7	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch (6th generation)	23 Jan 2023
macOS Monterey 12.6.3	macOS Monterey	23 Jan 2023
macOS Big Sur 11.7.3	macOS Big Sur	23 Jan 2023
watchOS 9.3	Apple Watch Series 4 and later	23 Jan 2023
iOS 15.7.3 and iPadOS 15.7.3	iPhone 6s (all models), iPhone 7 (all models), iPhone SE (1st generation), iPad Air 2, iPad mini (4th generation), and iPod touch (7th generation)	23 Jan 2023
iOS 16.3 and iPadOS 16.3	iPhone 8 and later, iPad Pro (all models), iPad Air 3rd generation and later, iPad 5th generation and later, and iPad mini 5th generation and later	23 Jan 2023

macOS Ventura 13.2	macOS Ventura	23 Jan 2023
iCloud for Windows 14.1	Windows 10 and later via the Microsoft Store	13 Dec 2022
Safari 16.2	macOS Big Sur and macOS Monterey	13 Dec 2022
macOS Monterey 12.6.2	macOS Monterey	13 Dec 2022
macOS Big Sur 11.7.2	macOS Big Sur	13 Dec 2022
tvOS 16.2	Apple TV 4K, Apple TV 4K (2nd generation and later), and Apple TV HD	13 Dec 2022
watchOS 9.2	Apple Watch Series 4 and later	13 Dec 2022
iOS 15.7.2 and iPadOS 15.7.2	iPhone 6s (all models), iPhone 7 (all models), iPhone SE (1st generation), iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	13 Dec 2022
iOS 16.2 and iPadOS 16.2	iPhone 8 and later, iPad Pro (all models), iPad Air 3rd generation and later, iPad 5th generation and later, and iPad mini 5th generation and later	13 Dec 2022
macOS Ventura 13.1	macOS Ventura	13 Dec 2022
iOS 16.1.2	iPhone 8 and later	30 Nov 2022
tvOS 16.1.1 This update has no published CVE entries.	Apple TV 4K (3rd generation)	16 Nov 2022
iOS 16.1.1 and iPadOS 16.1.1	iPhone 8 and later, iPad Pro (all models), iPad Air 3rd generation and later, iPad 5th generation and later, and iPad mini 5th generation and later	09 Nov 2022
macOS Ventura 13.0.1	macOS Ventura	09 Nov 2022
Xcode 14.1	macOS Monterey 12.5 and later	01 Nov 2022
iOS 15.7.1 and iPadOS 15.7.1	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	27 Oct 2022
Safari 16.1	macOS Big Sur and macOS Monterey	24 Oct 2022
iOS 16.1 and iPadOS 16	iPhone 8 and later, iPad Pro (all models), iPad Air 3rd generation and later, iPad 5th generation and later, and iPad mini 5th generation and later	24 Oct 2022
macOS Big Sur 11.7.1	macOS Big Sur	24 Oct 2022
macOS Monterey 12.6.1	macOS Monterey	24 Oct 2022
macOS Ventura 13	Mac Studio (2022), Mac Pro (2019 and later), MacBook Air (2018 and later), MacBook Pro (2017 and later), Mac mini (2018 and later), iMac (2017 and later), MacBook (2017), and iMac Pro (2017)	24 Oct 2022

tvOS 16.1	Apple TV 4K, Apple TV 4K (2nd generation), and Apple TV HD	24 Oct 2022
watchOS 9.1	Apple Watch Series 4 and later	24 Oct 2022
iOS 16.0.3	iPhone 8 and later	10 Oct 2022
watchOS 9.0.2 This update has no published CVE entries.	Apple Watch Series 4 and later	10 Oct 2022
iOS 16.0.2 This update has no published CVE entries.	iPhone 8 and later	22 Sep 2022
watchOS 9.0.1 This update has no published CVE entries.	Apple Watch Ultra	22 Sep 2022
iOS 16.0.1 This update has no published CVE entries.	iPhone 14 (all models)	15 Sep 2022
Safari 16	macOS Big Sur and macOS Monterey	12 Sep 2022
tvOS 16	Apple TV 4K, Apple TV 4K (2nd generation), and Apple TV HD	12 Sep 2022
watchOS 9	Apple Watch Series 4 and later	12 Sep 2022
iOS 16	iPhone 8 and later	12 Sep 2022
macOS Monterey 12.6	macOS Monterey	12 Sep 2022
macOS Big Sur 11.7	macOS Big Sur	12 Sep 2022
iOS 15.7 and iPadOS 15.7	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	12 Sep 2022
iOS 12.5.6	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch (6th generation)	31 Aug 2022
Safari 15.6.1	macOS Big Sur and macOS Catalina	18 Aug 2022
watchOS 8.7.1 This update has no published CVE entries.	Apple Watch Series 3	17 Aug 2022
macOS Monterey 12.5.1	macOS Monterey	17 Aug 2022
iOS 15.6.1 and iPadOS 15.6.1	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	17 Aug 2022
Safari 15.6	macOS Big Sur and macOS Catalina	20 Jul 2022
watchOS 8.7	Apple Watch Series 3 and later	20 Jul 2022
Security Update 2022-005	macOS Catalina	20 Jul 2022

Catalina		
macOS Big Sur 11.6.8	macOS Big Sur	20 Jul 2022
macOS Monterey 12.5	macOS Monterey	20 Jul 2022
tvOS 15.6	Apple TV 4K, Apple TV 4K (2nd generation), and Apple TV HD	20 Jul 2022
iOS 15.6 and iPadOS 15.6	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	20 Jul 2022
Apple Music 3.9.10 for Android	Android version 5.0 and later	14 Jun 2022
macOS Big Sur 11.6.7 This update has no published CVE entries.	macOS Big Sur	09 Jun 2022
tvOS 15.5.1 This update has no published CVE entries.	Apple TV 4K, Apple TV 4K (2nd generation), and Apple TV HD	25 May 2022
iTunes 12.12.4 for Windows	Windows 10 and later	18 May 2022
Safari 15.5	macOS Big Sur and macOS Catalina	16 May 2022
tvOS 15.5	Apple TV 4K, Apple TV 4K (2nd generation), and Apple TV HD	16 May 2022
Xcode 13.4	macOS Monterey 12 and later	16 May 2022
Security Update 2022-004 Catalina	macOS Catalina	16 May 2022
macOS Big Sur 11.6.6	macOS Big Sur	16 May 2022
macOS Monterey 12.4	macOS Monterey	16 May 2022
iOS 15.5 and iPadOS 15.5	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	16 May 2022
watchOS 8.6	Apple Watch Series 3 and later	16 May 2022
watchOS 8.5.1 This update has no published CVE entries.	Apple Watch Series 3 and later	31 Mar 2022
macOS Monterey 12.3.1	macOS Monterey	31 Mar 2022
iOS 15.4.1 and iPadOS 15.4.1	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	31 Mar 2022
tvOS 15.4.1 This update has no published CVE entries.	Apple TV 4K and Apple TV HD	31 Mar 2022
Safari 15.4	macOS Big Sur and macOS Catalina	15 Mar 2022

Apple TV Software 7.9 This update has no published CVE entries.	Apple TV (3rd generation)	14 Mar 2022
GarageBand 10.4.6	macOS Big Sur 11.5 and later	14 Mar 2022
Logic Pro 10.7.3	macOS Big Sur 11.5 and later	14 Mar 2022
Xcode 13.3	macOS Monterey 12 and later	14 Mar 2022
Security Update 2022-003 Catalina	macOS Catalina	14 Mar 2022
macOS Big Sur 11.6.5	macOS Big Sur	14 Mar 2022
macOS Monterey 12.3	macOS Monterey	14 Mar 2022
tvOS 15.4	Apple TV 4K and Apple TV HD	14 Mar 2022
watchOS 8.5	Apple Watch Series 3 and later	14 Mar 2022
iOS 15.4 and iPadOS 15.4	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	14 Mar 2022
iTunes 12.12.3 for Windows	Windows 10 and later	08 Mar 2022
macOS Big Sur 11.6.4 This update has no published CVE entries.	macOS Big Sur	14 Feb 2022
Security Update 2022-002 Catalina This update has no published CVE entries.	macOS Catalina	14 Feb 2022
Safari 15.3 (v. 16612.4.9.1.8 and 15612.4.9.1.8)	macOS Big Sur and macOS Catalina	10 Feb 2022
macOS Monterey 12.2.1	macOS Monterey	10 Feb 2022
watchOS 8.4.2 This update has no published CVE entries.	Apple Watch Series 3 and later	10 Feb 2022
iOS 15.3.1 and iPadOS 15.3.1	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	10 Feb 2022
watchOS 8.4.1 This update has no published CVE entries.	Apple Watch Series 4 and later	01 Feb 2022
Safari 15.3	macOS Big Sur and macOS Catalina	26 Jan 2022
Security Update 2022-001 Catalina	macOS Catalina	26 Jan 2022
macOS Big Sur 11.6.3	macOS Big Sur	26 Jan 2022

macOS Monterey 12.2	macOS Monterey	26 Jan 2022
tvOS 15.3	Apple TV 4K and Apple TV HD	26 Jan 2022
iOS 15.3 and iPadOS 15.3	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	26 Jan 2022
watchOS 8.4	Apple Watch Series 3 and later	26 Jan 2022
iOS 15.2.1 and iPadOS 15.2.1	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	12 Jan 2022
Safari 15.2	macOS Big Sur and macOS Catalina	14 Dec 2021
iOS 15.2 and iPadOS 15.2	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	13 Dec 2021
macOS Monterey 12.1	macOS Monterey	13 Dec 2021
macOS Big Sur 11.6.2	macOS Big Sur	13 Dec 2021
Security Update 2021-008 Catalina	macOS Catalina	13 Dec 2021
tvOS 15.2	Apple TV 4K and Apple TV HD	13 Dec 2021
watchOS 8.3	Apple Watch Series 3 and later	13 Dec 2021
watchOS 8.1.1 This update has no published CVE entries.	Apple Watch Series 7 (GPS + Cellular)	18 Nov 2021
iOS 15.1.1 This update has no published CVE entries.	iPhone 12 and later	17 Nov 2021
iCloud for Windows 13	Windows 10 and later via the Microsoft Store	10 Nov 2021
tvOS 15.1.1 This update has no published CVE entries.	Apple TV 4K and Apple TV HD	01 Nov 2021
Safari 15.1	macOS Big Sur and macOS Catalina	27 Oct 2021
iOS 14.8.1 and iPadOS 14.8.1	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	26 Oct 2021
macOS Monterey 12.0.1 *(Advisory includes security content of macOS Monterey 12.0 and macOS Monterey 12.0.1)*	Mac Pro (2013 and later), MacBook Air (Early 2015 and later), MacBook Pro (Early 2015 and later), Mac mini (Late 2014 and later), iMac (Late 2015 and later), MacBook (Early 2016 and later), iMac Pro (2017 and later)	25 Oct 2021
macOS Monterey 12.0	Preinstalled only on certain Mac models; please update to macOS Monterey 12.0.1	Preinstalled

macOS Big Sur 11.6.1	macOS Big Sur	25 Oct 2021
Security Update 2021-007 Catalina	macOS Catalina	25 Oct 2021
watchOS 8.1	Apple Watch Series 3 and later	25 Oct 2021
iOS 15.1 and iPadOS 15.1	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	25 Oct 2021
tvOS 15.1	Apple TV 4K and Apple TV HD	25 Oct 2021
watchOS 8.0.1 This update has no published CVE entries.	Apple Watch Series 3 and later	11 Oct 2021
iOS 15.0.2 and iPadOS 15.0.2	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	11 Oct 2021
iOS 15.0.1 and iPadOS 15.0.1	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	01 Oct 2021
Security Update 2021-006 Catalina	macOS Catalina	23 Sep 2021
iOS 12.5.5	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch (6th generation)	23 Sep 2021
iTunes 12.12 for Windows	Windows 10 and later	20 Sep 2021
Safari 15	macOS Big Sur and macOS Catalina	20 Sep 2021
Xcode 13	macOS Big Sur 11.3 and later	20 Sep 2021
tvOS 15	Apple TV 4K and Apple TV HD	20 Sep 2021
watchOS 8	Apple Watch Series 3 and later	20 Sep 2021
iOS 15 and iPadOS 15	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	20 Sep 2021
iTunes U 3.8.3	iOS 12.4 and later or iPadOS 12.4 and later	15 Sep 2021
Safari 14.1.2	macOS Catalina and macOS Mojave	13 Sep 2021
Security Update 2021-005 Catalina	macOS Catalina	13 Sep 2021
macOS Big Sur 11.6	macOS Big Sur	13 Sep 2021
watchOS 7.6.2	Apple Watch Series 3 and later	13 Sep 2021
iOS 14.8 and iPadOS 14.8	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	13 Sep 2021

iCloud for Windows 12.5	Windows 10 and later via the Microsoft Store	16 Aug 2021
macOS Big Sur 11.5.2 This update has no published CVE entries.	macOS Big Sur	11 Aug 2021
iTunes 12.11.4 for Windows	Windows 10 and later	09 Aug 2021
watchOS 7.6.1	Apple Watch Series 3 and later	29 Jul 2021
iOS 14.7.1 and iPadOS 14.7.1	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	26 Jul 2021
macOS Big Sur 11.5.1	macOS Big Sur	26 Jul 2021
macOS Big Sur 11.5	macOS Big Sur	21 Jul 2021
Security Update 2021-004 Catalina	macOS Catalina	21 Jul 2021
Security Update 2021-005 Mojave	macOS Mojave	21 Jul 2021
iPadOS 14.7	iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, and iPad mini 4 and later	21 Jul 2021
Safari 14.1.2	macOS Catalina and macOS Mojave	19 Jul 2021
iOS 14.7	iPhone 6s and later, and iPod touch (7th generation)	19 Jul 2021
watchOS 7.6	Apple Watch Series 3 and later	19 Jul 2021
tvOS 14.7	Apple TV 4K and Apple TV HD	19 Jul 2021
iMovie 10.2.4	macOS Catalina 10.15.6 and later	17 Jun 2021
iOS 12.5.4	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch (6th generation)	14 Jun 2021
Safari 14.1.1	macOS Catalina and macOS Mojave	24 May 2021
Security Update 2021-003 Catalina	macOS Catalina	24 May 2021
Security Update 2021-004 Mojave	macOS Mojave	24 May 2021
macOS Big Sur 11.4	macOS Big Sur	24 May 2021
iOS 14.6 and iPadOS 14.6	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	24 May 2021
tvOS 14.6	Apple TV 4K and Apple TV HD	24 May 2021
watchOS 7.5	Apple Watch Series 3 and later	24 May 2021
Boot Camp 6.1.14	Mac Pro (Late 2013 and later), MacBook Pro (Late 2013 and later), MacBook Air (Mid 2013 and later),	17 May 2021

	Mac mini (Mid 2014 and later), iMac (Mid 2014 and later), MacBook (Early 2015 and later), iMac Pro (Late 2017)	
Safari 14.1	macOS Catalina and macOS Mojave	04 May 2021
macOS Big Sur 11.3.1	macOS Big Sur	03 May 2021
iOS 14.5.1 and iPadOS 14.5.1	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	03 May 2021
iOS 12.5.3	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch (6th generation)	03 May 2021
watchOS 7.4.1	Apple Watch Series 3 and later	03 May 2021
Apple Music 3.5.0 for Android	Android version 5.0 and later	26 Apr 2021
iCloud for Windows 12.3	Windows 10 and later via the Microsoft Store	26 Apr 2021
Xcode 12.5	macOS Big Sur 11 and later	26 Apr 2021
Safari 14.1	macOS Catalina and macOS Mojave	26 Apr 2021
macOS Big Sur 11.3	macOS Big Sur	26 Apr 2021
Security Update 2021-002 Catalina	macOS Catalina	26 Apr 2021
Security Update 2021-003 Mojave	macOS Mojave	26 Apr 2021
iOS 14.5 and iPadOS 14.5	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	26 Apr 2021
watchOS 7.4	Apple Watch Series 3 and later	26 Apr 2021
tvOS 14.5	Apple TV 4K and Apple TV HD	26 Apr 2021
iTunes 12.11.3 for Windows	Windows 10 and later	22 Apr 2021
GarageBand 10.4.3	macOS Big Sur	06 Apr 2021
iOS 14.4.2 and iPadOS 14.4.2	iPhone 6s and later, iPad Pro (all models), iPad Air 2 and later, iPad 5th generation and later, iPad mini 4 and later, and iPod touch (7th generation)	26 Mar 2021
iOS 12.5.2	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch (6th generation)	26 Mar 2021
watchOS 7.3.3	Apple Watch Series 3 and later	26 Mar 2021
Safari 14.0.3 (v. 14610.4.3.1.7 and 15610.4.3.1.7)	macOS Catalina and macOS Mojave	08 Mar 2021
macOS Big Sur 11.2.3	macOS Big Sur	08 Mar 2021
watchOS 7.3.2	Apple Watch Series 3 and later	08 Mar 2021

iOS 14.4.1 and iPadOS 14.4.1	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch (7th generation)	08 Mar 2021
macOS Big Sur 11.2.2 This update has no published CVE entries.	macOS Big Sur 11.2.1	25 Feb 2021
watchOS 7.3.1 This update has no published CVE entries.	Apple Watch Series 5 and Apple Watch SE	15 Feb 2021
macOS Big Sur 11.2.1, macOS Catalina 10.15.7 Supplemental Update, macOS Mojave 10.14.6 Security Update 2021-002	macOS Big Sur 11.2, macOS Catalina 10.15.7, and macOS Mojave 10.14.6	09 Feb 2021
Safari 14.0.3	macOS Catalina and macOS Mojave	01 Feb 2021
macOS Big Sur 11.2, Security Update 2021-001 Catalina, Security Update 2021-001 Mojave	macOS Big Sur 11.0.1, macOS Catalina 10.15.7, and macOS Mojave 10.14.6	01 Feb 2021
Xcode 12.4	macOS Catalina 10.15.4 and later	26 Jan 2021
iCloud for Windows 12.0	Windows 10 and later via the Microsoft Store	26 Jan 2021
iOS 14.4 and iPadOS 14.4	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch (7th generation)	26 Jan 2021
tvOS 14.4	Apple TV 4K and Apple TV HD	26 Jan 2021
watchOS 7.3	Apple Watch Series 3 and later	26 Jan 2021
iOS 12.5.1 This update has no published CVE entries.	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch (6th generation)	11 Jan 2021
iOS 14.3 and iPadOS 14.3	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch (7th generation)	14 Dec 2020
macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave	macOS Big Sur 11.0.1, macOS Catalina 10.15.7, and macOS Mojave 10.14.6	14 Dec 2020
macOS Server 5.11	macOS Big Sur	14 Dec 2020
tvOS 14.3	Apple TV 4K and Apple TV HD	14 Dec 2020
watchOS 7.2	Apple Watch Series 3 and later	14 Dec 2020
Safari 14.0.2	macOS Catalina and macOS Mojave	14 Dec 2020
iOS 12.5	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch (6th generation)	14 Dec 2020
watchOS 6.3	Apple Watch Series 1 and Apple Watch Series 2	14 Dec 2020
iCloud for Windows 11.5	Windows 10 and later via the Microsoft Store	02 Dec 2020

iOS 14.2.1 This update has no published CVE entries.	iPhone 12 Pro, iPhone 12 Pro Max, iPhone 12, and iPhone 12 mini	19 Nov 2020
macOS Big Sur 11.0.1	Mac mini (M1, 2020), MacBook Air (M1, 2020), MacBook Air (13-inch, 2020)	17 Nov 2020
iTunes 12.11 for Windows	Windows 10 and later	17 Nov 2020
Safari 14.0.1	macOS Catalina and macOS Mojave	12 Nov 2020
Security Update 2020-006 High Sierra, Security Update 2020-006 Mojave	macOS High Sierra 10.13.6, macOS Mojave 10.14.6	12 Nov 2020
macOS Big Sur 11.0.1 *(Advisory includes security content of macOS Big Sur 11.0 and macOS Big Sur 11.0.1)*	Mac Pro (2013 and later), MacBook Air (2013 and later), MacBook Pro (Late 2013 and later), Mac mini (2014 and later), iMac (2014 and later), MacBook (2015 and later), iMac Pro (all models)	12 Nov 2020
macOS Big Sur 11.0	Preinstalled only on certain Mac models; please update to macOS Big Sur 11.0.1	Preinstalled
Apple TV app for Fire OS	Apple TV version 5.1 and later	09 Nov 2020
watchOS 7.1	Apple Watch Series 3 and later	05 Nov 2020
watchOS 6.2.9	Apple Watch Series 1 and Apple Watch Series 2	05 Nov 2020
watchOS 5.3.9	Apple Watch Series 1 and later	05 Nov 2020
macOS Catalina 10.15.7 Supplemental Update, macOS Catalina 10.15.7 Update	macOS Catalina 10.15.7	05 Nov 2020
tvOS 14.2	Apple TV 4K and Apple TV HD	05 Nov 2020
iOS 14.2 and iPadOS 14.2	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch (7th generation)	05 Nov 2020
iOS 12.4.9	iPhone 5s, iPhone 6 and 6 Plus, iPad Air, iPad mini 2 and 3, iPod touch (6th generation)	05 Nov 2020
Apple Music 3.4.0 for Android	Android version 5.0 and later	26 Oct 2020
iOS 14.1 and iPadOS 14.1 This update has no published CVE entries.	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch (7th generation)	20 Oct 2020
watchOS 7.0.3 This update has no published CVE entries.	Apple Watch Series 3	19 Oct 2020
watchOS 7.0.2 This update has no published CVE entries.	Apple Watch Series 3 and later	12 Oct 2020

tvOS 14.0.2 This update has no published CVE entries.	Apple TV 4K and Apple TV HD	05 Oct 2020
macOS 10.14.6 Supplemental Update	macOS Mojave	01 Oct 2020
iCloud for Windows 7.21	Windows 7 and later	24 Sep 2020
iCloud for Windows 11.4	Windows 10 and later via the Microsoft Store	24 Sep 2020
macOS Catalina 10.15.7, Security Update 2020-005 High Sierra, Security Update 2020-005 Mojave	macOS High Sierra 10.13.6, macOS Mojave 10.14.6, macOS Catalina 10.15.6	24 Sep 2020
iOS 14.0.1 and iPadOS 14.0.1 This update has no published CVE entries.	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch (7th generation)	24 Sep 2020
watchOS 7.0.1 This update has no published CVE entries.	Apple Watch Series 3 and later	24 Sep 2020
tvOS 14.0.1 This update has no published CVE entries.	Apple TV 4K and Apple TV HD	24 Sep 2020
Safari 14.0	macOS Catalina and macOS Mojave	16 Sep 2020
tvOS 14.0	Apple TV 4K and Apple TV HD	16 Sep 2020
watchOS 7.0	Apple Watch Series 3 and later	16 Sep 2020
iOS 14.0 and iPadOS 14.0	iPhone 6s and later, iPod touch 7th generation, iPad Air 2 and later, and iPad mini 4 and later	16 Sep 2020
iTunes for Windows 12.10.9	Windows 7 and later	16 Sep 2020
Xcode 12.0	macOS Catalina 10.15.4 and later	16 Sep 2020
iOS 13.7 This update has no published CVE entries.	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch 7th generation	01 Sep 2020
iOS 13.6.1 This update has no published CVE entries.	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch 7th generation	12 Aug 2020
macOS Catalina 10.15.6 Supplemental Update This update has no published CVE entries.	macOS Catalina 10.15.6	12 Aug 2020
iCloud for Windows 11.3	Windows 10 and later via the Microsoft Store	10 Aug 2020
iCloud for Windows 7.20	Windows 7 and later	10 Aug 2020
iTunes 12.10.8 for Windows	Windows 7 and later	30 Jul 2020

Safari 13.1.2	macOS Mojave and macOS High Sierra, and included in macOS Catalina	15 Jul 2020
iOS 12.4.8 This update has no published CVE entries.	iPhone 5s, iPhone 6 and 6 Plus, iPad Air, iPad mini 2 and 3, iPod touch (6th generation)	15 Jul 2020
watchOS 5.3.8 This update has no published CVE entries.	Apple Watch Series 1, 2, 3, and 4	15 Jul 2020
Xcode 11.6 This update has no published CVE entries.	macOS Mojave 10.15.2 and later	15 Jul 2020
iOS 13.6 and iPadOS 13.6	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch 7th generation	15 Jul 2020
tvOS 13.4.8	Apple TV 4K and Apple TV HD	15 Jul 2020
watchOS 6.2.8	Apple Watch Series 1 and later	15 Jul 2020
macOS Catalina 10.15.6, Security Update 2020-004 Mojave, Security Update 2020-004 High Sierra	macOS High Sierra 10.13.6, macOS Mojave 10.14.6, macOS Catalina 10.15.5	15 Jul 2020
macOS Catalina 10.15.5 Supplemental Update, Security Update 2020-003 High Sierra	macOS High Sierra 10.13.6, macOS Catalina 10.15.5	01 Jun 2020
tvOS 13.4.6	Apple TV 4K and Apple TV HD	01 Jun 2020
watchOS 6.2.6	Apple Watch Series 1 and later	01 Jun 2020
iOS 13.5.1 and iPadOS 13.5.1	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch 7th generation	01 Jun 2020
macOS Catalina 10.15.5, Security Update 2020-003 Mojave, Security Update 2020-003 High Sierra	macOS High Sierra 10.13.6, macOS Mojave 10.14.6, macOS Catalina 10.15.4	26 May 2020
Windows Migration Assistant 2.2.0.0 (v. 1A11)	macOS Catalina	26 May 2020
Safari 13.1.1	macOS Mojave and macOS High Sierra, and included in macOS Catalina	26 May 2020
iCloud for Windows 11.2	Windows 10 and later via the Microsoft Store	26 May 2020
iCloud for Windows 7.19	Windows 7 and later	26 May 2020
iTunes 12.10.7 for Windows	Windows 7 and later	21 May 2020
iOS 13.5 and iPadOS 13.5	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch 7th generation	20 May 2020

iOS 12.4.7	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch 6th generation	20 May 2020
tvOS 13.4.5	Apple TV 4K and Apple TV HD	20 May 2020
Xcode 11.5	macOS Catalina 10.15.2 and later	20 May 2020
watchOS 5.3.7	Apple Watch Series 1, Apple Watch Series 2, Apple Watch Series 3, and Apple Watch Series 4 when paired to an iPhone with iOS 12 installed	18 May 2020
watchOS 6.2.5	Apple Watch Series 1 and later	18 May 2020
iOS 13.4.1 This update has no published CVE entries.	iPhone SE (2nd generation)	23 Apr 2020
watchOS 6.2.1 This update has no published CVE entries.	Apple Watch Series 1 and 2 Apple Watch Series 3 and later	20 Apr 2020 08 Apr 2020
Xcode 11.4.1	macOS Catalina 10.15.2 and later	15 Apr 2020
macOS Catalina 10.15.4 Supplemental Update This update has no published CVE entries.	macOS Catalina 10.15.4	08 Apr 2020
iOS 13.4.1 and iPadOS 13.4.1 This update has no published CVE entries.	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch 7th generation	07 Apr 2020
iCloud for Windows 7.18	Windows 7 and later	25 Mar 2020
iCloud for Windows 10.9.3	Windows 10 and later via the Microsoft Store	25 Mar 2020
iTunes 12.10.5 for Windows	Windows 7 and later	24 Mar 2020
iOS 13.4 and iPadOS 13.4	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch 7th generation	24 Mar 2020
watchOS 5.3.6 This update has no published CVE entries.	Apple Watch Series 1, Apple Watch Series 2, Apple Watch Series 3, and Apple Watch Series 4 when paired to an iPhone with iOS 12 installed	24 Mar 2020
iOS 12.4.6 This update has no published CVE entries.	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch 6th generation	24 Mar 2020
Safari 13.1	macOS Mojave and macOS High Sierra, and included in macOS Catalina	24 Mar 2020
watchOS 6.2	Apple Watch Series 1 and later	24 Mar 2020
tvOS 13.4	Apple TV 4K and Apple TV HD	24 Mar 2020

macOS Catalina 10.15.4, Security Update 2020-002 Mojave, Security Update 2020-002 High Sierra	macOS High Sierra 10.13.6, macOS Mojave 10.14.6, macOS Catalina 10.15.3	24 Mar 2020
Xcode 11.4	macOS Catalina 10.15.2 and later	24 Mar 2020
watchOS 6.1.3 This update has no published CVE entries.	Apple Watch Series 1 and later	18 Feb 2020
watchOS 5.3.5 This update has no published CVE entries.	Apple Watch Series 1, Apple Watch Series 2, Apple Watch Series 3, and Apple Watch Series 4 when paired to an iPhone with iOS 12 installed	18 Feb 2020
iCloud for Windows 10.9.2	Windows 10 and later via the Microsoft Store	29 Jan 2020
iTunes 12.10.4 for Windows	Windows 7 and later	28 Jan 2020
tvOS 13.3.1	Apple TV 4K and Apple TV HD	28 Jan 2020
Safari 13.0.5	macOS Mojave and macOS High Sierra, and included in macOS Catalina	28 Jan 2020
iOS 12.4.5 This update has no published CVE entries.	iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad mini 2, iPad mini 3, and iPod touch 6th generation	28 Jan 2020
iOS 13.3.1 and iPadOS 13.3.1	iPhone 6s and later, iPad Air 2 and later, iPad mini 4 and later, and iPod touch 7th generation	28 Jan 2020
iCloud for Windows 7.17	Windows 7 and later	28 Jan 2020
watchOS 6.1.2	Apple Watch Series 1 and later	28 Jan 2020
macOS Catalina 10.15.3, Security Update 2020-001 Mojave, Security Update 2020-001 High Sierra	macOS High Sierra 10.13.6, macOS Mojave 10.14.6, and macOS Catalina 10.15.2	28 Jan 2020
iCloud for Windows 10.9.1 This update has no published CVE entries.	Windows 10 and later via the Microsoft Store	08 Jan 2020

For information about earlier security updates, see these documents:

- Apple security updates (2018 to 2019)
- Apple security updates (2016 to 2017)
- Apple security updates (2015)
- Apple security updates (2014)
- Apple security updates (2013)
- Apple security updates (2011 to 2012)
- Apple security updates (2010)
- Apple security updates (15 Jan 2008 to 03 Dec 2009)
- Apple security updates (25 Jan 2005 to 21 Dec 2007)
- Apple security updates (03 Oct 2003 to 11 Jan 2005)

- [Apple security updates (August 2003 and earlier)](#)

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